## LIST OF CONTRIBUTORS


Abe, S. 334
Abell, J.S. 316
Adachi, K. 209
Arsaka, T. 181
Alvarado, S.F. 43
Aubertin, F. 263

Ballou, R. 340
Barthem, V.M.T.S. 340
Bennemann, K.H. 22
Brommer, P.E. 221, 352

Callaway, J. 17
Carbone, C. 43
Chu, D.-p. 363
Cooke, J.F. 134

Dorantes-Dávila, J. 22
Duc, N.H. 352

Edwards, D.M. 199
Endo, K. 323
Enomoto, Y. 116

Franse, J.J.M. 221, 306, 352
Fujiwara, H. 78
Fukamichi, K. 276

Gavigan, J.P. 345
Gignoux, D. 340
Givord, D. 345
Gonser, U. 263
Goto, T. 276
Gratz, E. 283
Grebennikov, V.I. 150

Haga, E. 181
Harmon, B.N. 131
Hasegawa, H. 175, 267
Hasegawa, T. 63
Herman, F. 175
Hien, T.D. 352
Hirooka, S. 156
Horie, Y. 84

Ibarra, M.R. 316
Iijima, M. 323
Inoue, J. 376

Jezierski, A. 244

Kaczkowski, Z. 232
Kadomatsu, H. 78
Kamigaki, K. 334
Kaneko, T. 334
Kato, T. 181
Kawai, H. 26
Kawasaki, K. 97
Kido, G. 334
Kim, D.J. 169
Komatsu, H. 276
Kontani, M. 209
Krop, K. 306
Kuang, J.-p. 209
Kurisu, M. 78

Lee, E.W. 316
Leung, T.C. 131
Li, H.S. 345
Limbach, C.T. 263
Liu, A.J. 134
Liu, S.H. 134

Makoshi, K. 26
Maksymowicz, A.Z. 240
Marumo, K. 334
Mase, S. 84
Mathon, J. 31
Matsui, M. 209
Matsumoto, M. 57
Menshikov, A.Z. 249
Misawa, S. 162
Miura, S. 334
Mizutani, U. 267
Mohn, P. 145
Mori, H. 311
Mōri, N. 226
Moser, J. 329
Moze, O. 316

Nagai, T. 97
Nagano, H. 319
Nakagawa, Y. 334
Nishihara, Y. 91
Numata, T. 73

Ogawa, A. 97
Ohoyama, T. 311
Ohta, Y. 11
Oka, K. 91
Okamoto, H. 194
Oomi, G. 73

Pastor, G.M. 22
Pettifor, D.G. 3

Radwanski, R.J. 306
Reissner, M. 329
Renaud, G.P. 217
Ross, D.K. 51

Saito, T. 323
Sakai, H. 311
Sakurai, J. 73
Sato, K. 319
Shiga, M. 293
Shimizu, K. 319
Shinogi, A. 323
Sinha, S.K. 51
Steinemann, S.G. 217
Steiner, W. 329
Sukiennicki, A. 37
Świrkowicz, R. 37

Takahashi, I. 69
Takahashi, T. 125
Tanaka, C. 169
Terao, K. 369
Turov, E.A. 150

Ukon, S. 169
Unoki, H. 91

Voiron, J. 345

Wakabayashi, H. 276
Wakoh, S. 57
Wang, X.W. 131
White, G.K. 255
Will, G. 329
Williams, D.E.G. 122
Wohlfarth, E.P. 145

Xu, Y. 363

Yamada, H. 390
Yamada, N. 311
Yamashita, M. 78
Yang, G.-l. 363
Yasuda, T. 84
Yasui, M. 139
Yeung, W. 185
Yoshida, H. 334
Yoshimori, A. 26

Zhai, H.-r. 363

## ANALYTIC SUBJECT INDEX


*Amorphous ferromagnetic $Fe_{80}B_{20}$*
– Crystallisation of — - Limbach et al. 149B (1988) 263
*Annealing of Elinvar type alloys* (see *Elinvar properties*) 149B (1988) 232
*Antiferromagnetic bonds* (see *Ising model*) 149B (1988) 125
*Antiferromagnetism*
– — of $La_2CuO_4$: Mössbauer effect of $^{57}Fe$ doped in $La_2CuO_4$ - Nishihara et al. 149B (1988) 91
*Antiferromagnetism* (see *Multilayers*) 149B (1988) 43
*Antiferromagnetism* (see *Structural phase transitions*) 149B (1988) 185
*Asymmetric vector chain model* (see *Magnetism of Fe clusters*) 149B (1988) 369
*Atomic order* (see *NiPt*) 149B (1988) 221
*Au–Fe phase diagram* (see *Ferromagnetism in α-Fe*) 149B (1988) 194

*$BaCd_{11}$, $ThMn_{12}$, $NaZn_{13}$ structure-types* (see *Structure maps*) 149B (1988) 3
*Band structure* (see *Gd*) 149B (1988) 131
*BCC alloys* (see *Gd*) 149B (1988) 131
*Bloch wall stiffness constant* (see *Percolation*) 149B (1988) 199
*Boltzmann equations* (see *Rare earth intermetallics*) 149B (1988) 283
*Bond strength* (see *Divacancies*) 149B (1988) 11
*Bound state* (see *Superconductor*) 149B (1988) 69
*Bulk modulus*
– Magnetic contribution to the — of 3d transition metals and alloys - Mōri 149B (1988) 226

*Ce-compounds* (see *Electrical resistivity*) 149B (1988) 73
*$CeZn_2$* (see *Kondo anomaly*) 149B (1988) 78
*Charge transfer* (see *Isomer shift*) 149B (1988) 329
*Charge transfer* (see *Newns–Anderson model*) 149B (1988) 26
*Chiral Potts model* (see *Quasi-one-dimensional systems*) 149B (1988) 97
*Clusters* (see *Itinerant magnetism*) 149B (1988) 17
*Co–Cr superlattices*
– Itinerant-electron theory of ultra-thin — - Hasegawa and Herman 149B (1988) 175
*Coercive force* (see *Fe–Ce amorphous alloys*) 149B (1988) 276
*Correlated electrons* (see *Superconductor*) 149B (1988) 69
*Critical exponents*
– Paramagnetic — - Williams 149B (1988) 122
*Crystal field*
– NMR study of — effect on Tb in $TbNi_2$ - Shimizu et al. 149B (1988) 319
*Crystal field* (see *$SmNi_5$*) 149B (1988) 340
*Crystal field* (see *Thermal expansion*) 149B (1988) 316
*Crystallisation* (see *Amorphous ferromagnetic $Fe_{80}B_{20}$*) 149B (1988) 263
*Cu* (see *Many-body enhancement effects*) 149B (1988) 57
*Cubic Laves phase transition metal compounds*

– Electronic structure and magnetic properties of the — - Yamada 149B (1988) 390
*Curie temperature* (see *Fe–Ce amorphous alloys*) 149B (1988) 276
*Curie temperature* (see *Itinerant electron magnetism*) 149B (1988) 145

*Debye temperature* (see *Isomer shift*) 149B (1988) 329
*Defect force* (see *Divacancies*) 149B (1988) 11
*Density of states* (see *Cubic Laves phase transition metal compounds*) 149B (1988) 390
*Density of states* (see *Y–M compounds*) 149B (1988) 376
*Density response function*
– Self-consistent — method for dynamics of light interstitials in crystals - Sinha and Ross 149B (1988) 51
*Density* (see *Fe–Ce amorphous alloys*) 149B (1988) 276
*Diffusion equations*
– Multi-particle — and morphological instability in three dimensions - Enomoto 149B (1988) 116
*Divacancies*
– Bond energies and defect forces around — in bcc transition metals - Ohta 149B (1988) 11
*Domain growth* (see *Ising model*) 149B (1988) 125
*Domain wall* (see $SmNi_5$) 149B (1988) 340
*Dynamical susceptibility*
– Band model approach to the theory of the — and surface spin waves in transition metal thin films - Świrkowicz and Sukiennicki 149B (1988) 37

*Electrical resistivity*
– Effect of pressure on the — of the dense Kondo compound $Ce(In_{0.8}Sn_{0.2})_3$ - Oomi et al. 149B (1988) 73
*Electrical resistivity* (see *Rare earth intermetallics*) 149B (1988) 283
*Electron gas* (see *Plasmon dispersion*) 149B (1988) 63
*Electron–phonon interaction* (see *High-$T_c$ superconductors*) 149B (1988) 84
*Electron–phonon interaction* (see *Temperature induced ferromagnetism*) 149B (1988) 169
*Electronic specific heat coefficient* (see *3d-transition metal*) 149B (1988) 267
*Electronic specific heat* (see *Gd*) 149B (1988) 131
*Elinvar properties*
– — of the Fe–Ni–Cr–Ti alloys - Kaczkowski 149B (1988) 232
*Epitaxial interfaces* (see *Multilayers*) 149B (1988) 43
*ε-$Mn_3Ge$*
– Magnetic properties of — - Yamada et al. 149B (1988) 311
*Er($Co_{1-x}Cu_x$)$_2$*
– Magnetic properties of the — and $Y(Co_{1-x}Cu_x)_2$ compounds - Duc et al. 149B (1988) 352
*Exact calculation of small system* (see *Newns–Anderson model*) 149B (1988) 26
*Exchange anisotropy* (see *Co–Cr superlattices*) 149B (1988) 175
*Exchange anisotropy* (see *Multilayers*) 149B (1988) 43
*Exchange enhanced paramagnetism* (see *Gd($Co_{1-x}Ni_x$)$_2$*) 149B (1988) 334
*Exchange scattering* (see *Plasmon dispersion*) 149B (1988) 63
*Exchange splitting* (see *Photoemission*) 149B (1988) 181

*Fe–Ce amorphous alloys*
– Magnetic properties and density of — - Fukamichi et al. 149B (1988) 276
*Fe–Ni–Cr–Ti alloys* (see *Elinvar properties*) 149B (1988) 232

*Fe–Pd alloys*
– Electronic, phonon and magnon specific heats of — - Kuang et al. 149B (1988) 209
*$Fe_{65}Ni_{35}$ Invar alloys* (see *Bulk modulus*) 149B (1988) 226
*Fermi liquid effect*
– Susceptibility maximum as a — in paramagnetic Fermi liquids - Misawa 149B (1988) 162
*Fermi surface* (see *Many-body enhancement effects*) 149B (1988) 57
*Ferrimagnetism* (see *$Gd(Co_{1-x}Ni_x)_2$*) 149B (1988) 334
*Ferromagnetic alloys* (see *Local magnetic moments*) 149B (1988) 240
*Ferromagnetic–paramagnetic transition* (see *Critical exponents*) 149B (1988) 122
*Ferromagnetism*
– — of Ni - Hirooka 149B (1988) 156
*Ferromagnetism in α-Fe*
– Effect of — on the form of Au–Fe phase boundaries - Okamoto 149B (1988) 194
*First-order transition* (see *$Er(Co_{1-x}Cu_x)_2$*) 149B (1988) 352
*Form factor* (see *Orbital susceptibility*) 149B (1988) 134
*Formation energy* (see *Divacancies*) 149B (1988) 11

*Gd*
– Spin-polarized electronic structure of bcc — - Leung et al. 149B (1988) 131
*$Gd(Co_{1-x}Ni_x)_2$*
– High-field susceptibility of pseudobinary compounds — - Kaneko et al. 149B (1988) 334
*Generalized random phase approximation* (see *Plasmon dispersion*) 149B (1988) 63
*Grüneisen* (see *Heat capacity*) 149B (1988) 255

*Heat capacity*
– The — of transition metals at high temperatures - White 149B (1988) 255
*Heavy fermion system* (see *Fermi liquid effect*) 149B (1988) 162
*High field magnetism* (see *$Gd(Co_{1-x}Ni_x)_2$*) 149B (1988) 334
*High pressure* (see *Electrical resistivity*) 149B (1988) 73
*High-$T_c$ superconductors*
– Roles of transition metal atoms in — - Mase et al. 149B (1988) 84
*$HoAl_2$* (see *Thermal expansion*) 149B (1988) 316
*Hubbard model* (see *Itinerant magnetism*) 149B (1988) 17

*Intermetallic compound* (see *ε-$Mn_3Ge$*) 149B (1988) 311
*Invar*
– Thermal disorder and magnetic fluctuations in — type alloys - Renaud and Steinemann 149B (1988) 217
*Invar effect*
– — in rare earth–iron intermetallic compounds - Radwanski et al. 149B (1988) 306
*Ising model*
– Domain growth in the — with impurities or antiferromagnetic bonds - Takahashi 149B (1988) 125
*Isomer shift*
– Volume dependence of the $^{57}Fe$ — in $Y(Fe,Al)_2$ - Steiner et al. 149B (1988) 329
*Itinerant electron ferromagnetism* (see *Temperature induced ferromagnetism*) 149B (1988) 169
*Itinerant electron magnetism*
– The influence of spin fluctuations in — - Wohlfarth and Mohn 149B (1988) 145
*Itinerant electron metamagnetism* (see *Cubic Laves phase transition metal compounds*) 149B (1988) 390

*Itinerant electron metamagnetism* (see *Lu($Co_{1-x}Al_x$)$_2$*) 149B (1988) 323
*Itinerant electron model* (see *Dynamical susceptibility*) 149B (1988) 37
*Itinerant electrons* (see *Ferromagnetism*) 149B (1988) 156
*Itinerant magnetism*
– Cluster simulation of — - Callaway 149B (1988) 17

*Knight shift* (see *Lu($Co_{1-x}Al_x$)$_2$*) 149B (1988) 323
*Kondo anomaly*
– — and metamagnetism of $CeZn_2$ at high pressure - Kurisu et al. 149B (1988) 78
*Kondo effect* (see *Electrical resistivity*) 149B (1988) 73
*Kubo formula* (see *Rare earth intermetallics*) 149B (1988) 283

*$La_2CuO_4$* (see *Antiferromagnetism*) 149B (1988) 91
*Landau state* (see *Plasmon dispersion*) 149B (1988) 63
*Lattice dynamics* (see *Invar*) 149B (1988) 217
*Laves phase manganese compounds*
– Magnetism and spin fluctuations of — - Shiga 149B (1988) 293
*Laves phase* (see *Lu($Co_{1-x}Al_x$)$_2$*) 149B (1988) 323
*Laves phases* (see *Isomer shift*) 149B (1988) 329
*($La_{1-x}Sr_x$)$_2CuO_4$* (see *High-$T_c$ superconductors*) 149B (1988) 84
*Light interstitials* (see *Density response function*) 149B (1988) 51
*Local density of states of Fe clusters* (see *Magnetism of Fe clusters*) 149B (1988) 369
*Local magnetic moments*
– — in $V_xFe_{1-x}$ substitutional alloys - Maksymowicz 149B (1988) 240
*Localization* (see *Percolation*) 149B (1988) 199
*Low temperature* (see *Fe–Pd alloys*) 149B (1988) 209
*Lu($Co_{1-x}Al_x$)$_2$*
– Magnetic properties and NMR in C15-type — - Shinogi et al. 149B (1988) 323

*Magnetic alloys and compounds* (see *Itinerant electron magnetism*) 149B (1988) 145
*Magnetic cooling* (see *Fe–Ce amorphous alloys*) 149B (1988) 276
*Magnetic excitations* (see *$Pt_{1-c}(Mn_xCr_{1-x})_c$ alloys*) 149B (1988) 244
*Magnetic fluctuations* (see *Invar*) 149B (1988) 217
*Magnetic phase diagram* (see *3d-transition metal*) 149B (1988) 267
*Magnetic phase diagrams*
– — in systems with several related order parameters - Menshikov 149B (1988) 249
*Magnetic properties* (see *Cubic Laves phase transition metal compounds*) 149B (1988) 390
*Magnetic properties* (see *ε-$Mn_3Ge$*) 149B (1988) 311
*Magnetic properties* (see *$SmNi_5$*) 149B (1988) 340
*Magnetic structure* (see *Laves phase manganese compounds*) 149B (1988) 293
*Magnetic susceptibility* (see *Lu($Co_{1-x}Al_x$)$_2$*) 149B (1988) 323
*Magnetic susceptibility* (see *Spin–orbit susceptibilities*) 149B (1988) 139
*Magnetism of Fe clusters*
– — in $Zr(Fe_{1-x}Co_x)_2$ - Terao 149B (1988) 369
*Magnetism* (see *Small $Fe_n$-clusters*) 149B (1988) 22
*Magnetization in ferromagnetic surfaces*
– Temperature dependence of the — and overlayers - Mathon 149B (1988) 31
*Magnetocrystalline anisotropy*
– On the — of Pr–transition metal intermetallics - Xu et al. 149B (1988) 363

*Magnetoelasticity* (see *Invar*) 149B (1988) 217
*Magnetostriction* (see *Thermal expansion*) 149B (1988) 316
*Magnetovolume effects* (see *Invar effect*) 149B (1988) 306
*Magnetovolume effects* (see *Laves phase manganese compounds*) 149B (1988) 293
*Magnetovolume effects* (see *Y–M compounds*) 149B (1988) 376
*Magnons* (see $Pt_{1-c}(Mn_xCr_{1-x})_c$ *alloys*) 149B (1988) 244
*Manganese alloys* (see *Structural phase transitions*) 149B (1988) 185
*Manganese–germanium system* (see $\varepsilon$-$Mn_3Ge$) 149B (1988) 311
*Many-body enhancement effects*
– Positron–electron — in copper - Matsumoto and Wakoh 149B (1988) 57
*Mechanical quality factor* (see *Elinvar properties*) 149B (1988) 232
*Metal surface* (see *Newns–Anderson model*) 149B (1988) 26
*Metamagnetism* (see *Kondo anomaly*) 149B (1988) 78
*Metamagnetism* (see *Y–M compounds*) 149B (1988) 376
*Monte Carlo simulation* (see *Ising model*) 149B (1988) 125
*Morphological instability* (see *Diffusion equations*) 149B (1988) 116
*Mössbauer effect* (see *Antiferromagnetism*) 149B (1988) 91
*Mössbauer spectra* (see *Isomer shift*) 149B (1988) 329
*Mössbauer spectroscopy* (see *Amorphous ferromagnetic* $Fe_{80}B_{20}$) 149B (1988) 263
*Multilayers*
– Magnetism and epitaxy of Fe/Cr(001) — - Alvarado and Carbone 149B (1988) 43
*Multiple spin density wave* (see *Structural phase transitions*) 149B (1988) 185

*Nearly ferromagnetic Fermi liquid* (see *Fermi liquid effect*) 149B (1988) 162
*Newns–Anderson model*
– Exact calculation for the time-dependent — in a small system - Kawai et al. 149B (1988) 26
*Ni* (see *Ferromagnetism*) 149B (1988) 156
*Nickel* (see *Photoemission*) 149B (1988) 181
*NiPt*
– Magnetic properties of ordered — - Brommer and Franse 149B (1988) 221
*NMR* (see *Crystal field*) 149B (1988) 319
*Non-stoichiometric compounds* (see *Cubic Laves phase transition metal compounds*) 149B (1988) 390

*Orbital susceptibility*
– A fast and accurate method for the calculation of — and form factor of paramagnetic transition metals - Liu et al. 149B (1988) 134
*Orbital susceptibility* (see *Spin–orbit susceptibilities*) 149B (1988) 139
*Ordering kinetics* (see *Quasi-one-dimensional systems*) 149B (1988) 97
*Ostwald ripening* (see *Diffusion equations*) 149B (1988) 116

*Paramagnetic Fermi liquid* (see *Fermi liquid effect*) 149B (1988) 162
*Percolation*
– Itinerant electron magnetism, — and localization - Edwards 149B (1988) 199
*Permanent magnets* (see *Structure maps*) 149B (1988) 3
*Phonon dispersion curves* (see *High-*$T_c$ *superconductors*) 149B (1988) 84
*Phonon* (see *Temperature induced ferromagnetism*) 149B (1988) 169
*Photoemission*
– Exchange splitting in — for nickel - Aisaka et al. 149B (1988) 181

*Plasmon dispersion*
– — of electron gas in a magnetic field - Hasegawa 149B (1988) 63
*Positron annihilation* (see *Many-body enhancement effects*) 149B (1988) 57
*$PrCo_5$* (see *Magnetocrystalline anisotropy*) 149B (1988) 363
*Pressure* (see *Kondo anomaly*) 149B (1988) 78
*$Pr_2Fe_{14}B$* (see *Magnetocrystalline anisotropy*) 149B (1988) 363
*$Pt_{1-c}(Mn_xCr_{1-x})_c$ alloys*
– Crystallographic order and magnetism in — - Jezierski 149B (1988) 244

*Quasi-one-dimensional systems*
– Dynamical behavior of domain walls in quenched — - Kawasaki et al. 149B (1988) 97

*Random phase approximation* (see *Density response function*) 149B (1988) 51
*Rare earth–3d compound* (see *$SmNi_5$*) 149B (1988) 340
*Rare earth–Fe compounds* (see *3d magnetism*) 149B (1988) 345
*Rare earth intermetallics*
– Influence of magnetic scattering processes on resistivity in — - Gratz 149B (1988) 283
*Rare earth–iron compounds* (see *Invar effect*) 149B (1988) 306
*Rare earth–metal compound* (see *$Gd(Co_{1-x}Ni_x)_2$*) 149B (1988) 334
*Recursion method* (see *Magnetism of Fe clusters*) 149B (1988) 369
*Relativistic band structure* (see *Spin–orbit susceptibilities*) 149B (1988) 139
*Resistivity* (see *$Er(Co_{1-x}Cu_x)_2$*) 149B (1988) 352

*Saturation moments* (see *Gd*) 149B (1988) 131
*Small $Fe_n$-clusters*
– The magnetic properties of small $Fe_n$-clusters - Pastor et al. 149B (1988) 22
*$SmNi_5$*
– Crystal field effects in the hexagonal — compound - Ballou et al. 149B (1988) 340
*Specific heat* (see *Fe–Pd alloys*) 149B (1988) 209
*Spin fluctuations* (see *Ferromagnetism*) 149B (1988) 156
*Spin fluctuations* (see *Itinerant electron magnetism*) 149B (1988) 145
*Spin fluctuations* (see *Laves phase manganese compounds*) 149B (1988) 293
*Spin fluctuations* (see *Transition metals*) 149B (1988) 150
*Spin glass* (see *3d-transition metal*) 149B (1988) 267
*Spin glass* (see *Fe–Ce amorphous alloys*) 149B (1988) 276
*Spin–orbit susceptibilities*
– Orbital and spin–orbit magnetic susceptibilities in bcc transition metals: V, Nb and W - Yasui 149B (1988) 139
*Spin-polarized spectroscopy* (see *Multilayers*) 149B (1988) 43
*Spin wave stiffness coefficient* (see *$Pt_{1-c}(Mn_xCr_{1-x})_c$ alloys*) 149B (1988) 244
*Spin wave stiffness constant* (see *Percolation*) 149B (1988) 199
*$SrLaFeO_4$* (see *Antiferromagnetism*) 149B (1988) 91
*Structural phase transitions*
– Magnetically induced — - Yeung 149B (1988) 185
*Structural stability* (see *Small $Fe_n$-clusters*) 149B (1988) 22
*Structure maps*
– — in magnetic alloy design - Pettifor 149B (1988) 3

*Superconductor*
– A possible mechanism for high-$T_c$ superconductor: a bound state of strongly correlated pair electrons - Takahashi 149B (1988) 69
*Surface spin waves* (see *Dynamical susceptibility*) 149B (1988) 37
*Susceptibility maximum* (see *Fermi liquid effect*) 149B (1988) 162
*Susceptibility* (see *NiPt*) 149B (1988) 221

*$TbNi_2$* (see *Crystal field*) 149B (1988) 319
*Temperature induced ferromagnetism*
– Phonon mechanism of — - Kim et al. 149B (1988) 169
*Thermal expansion*
– Anomalous — and magnetostriction in $HoAl_2$ - Ibarra et al. 149B (1988) 316
*Thermal expansion* (see *$Er(Co_{1-x}Cu_x)_2$*) 149B (1988) 352
*Thermal expansion* (see *Laves phase manganese compounds*) 149B (1988) 293
*Thermal expansion* (see *NiPt*) 149B (1988) 221
*Thermal spontaneous ferromagnetism* (see *Y–M compounds*) 149B (1988) 376
*Thermodynamic model* (see *Ferromagnetism in α-Fe*) 149B (1988) 194
*Thermoelastic coefficient* (see *Elinvar properties*) 149B (1988) 232
*Thin ferromagnetic films* (see *Dynamical susceptibility*) 149B (1988) 37
*Tight-binding bond model* (see *Divacancies*) 149B (1988) 11
*3d magnetism*
– 3d magnetism in R–M and $R_2M_{14}B$ compounds (M = Fe, Co; R = rare earth) - Gavigan et al. 149B (1988) 345
*3d-transition metal*
– Magnetic and electronic states of the pseudobinary 3d-transition metal amorphous alloys $[a_{1-x}b_x]_{77}B_{13}Si_{10}$ (a,b = Ti–Cu) - Mizutani and Hasegawa 149B (1988) 267
*3d transition metals and alloys* (see *Bulk modulus*) 149B (1988) 226
*Transition metal clusters* (see *Small $Fe_n$-clusters*) 149B (1988) 22
*Transition metals*
– Magnetism and transport phenomena of — in spin fluctuation theory of itinerant electrons - Turov and Grebennikov 149B (1988) 150
*Transition metals* (see *Heat capacity*) 149B (1988) 255
*Transition metals* (see *Magnetic phase diagrams*) 149B (1988) 249
*Transition metals* (see *Orbital susceptibility*) 149B (1988) 134
*Transition metals* (see *Spin–orbit susceptibilities*) 149B (1988) 139
*Transition temperature* (see *ε-$Mn_3Ge$*) 149B (1988) 311
*Two-dimensional system* (see *Ising model*) 149B (1988) 125

*Universality class* (see *Quasi-one-dimensional systems*) 149B (1988) 97

*$V_xFe_{1-x}$* (see *Local magnetic moments*) 149B (1988) 240

*Y–M compounds*
– Electronic structure and magnetism of Y–M (M = Mn,Fe,Co and Ni) compounds - Inoue 149B (1988) 376
*$YBa_2Cu_3O_7$* (see *High-$T_c$ superconductors*) 149B (1988) 84
*$Y(Co_{1-x}Cu_x)_2$* (see *$Er(Co_{1-x}Cu_x)_2$*) 149B (1988) 352

*$Zr(Fe_{1-x}Co_x)_2$*
– Magnetism of Fe clusters in — - Terao 149B (1988) 369